

**Form DG: Direct Use Geothermal Systems
Utah Renewable Energy Systems Tax Credit
Investment Tax Credit Certification**

This form must be completed by all applicants seeking Utah tax credits for a direct use geothermal system that provides heat for a building or business.



Taxpayer Name

Social Security Number or Federal ID Number

How is the heat from your direct use geothermal system used?

What is the temperature (Fahrenheit) of the geothermal water or steam at the point where it enters your system?

Number of production wells	Depth
Number of injection wells	Depth

What is the volume of steam or water provided your system (e.g., gallons or pounds per hour)?

Total cost of your direct use geothermal system

Total eligible direct use geothermal equipment cost (see instructions)

Total eligible direct use geothermal installation and other costs (see instructions)

Total eligible direct use geothermal cost (sum of equipment, installation, and other)

Enter amount of credit claimed for the direct use geothermal system above (see instructions)

Vertical Bore Well Driller Information (see instructions)

Name

Street Address

Town/City

State

Phone

Utah Well Driller's License No.

I certify that I drilled the vertical bores for the direct use geothermal system described in Forms A and DG of this application. I further certify that I am licensed by the Utah Division of Water Rights as a well driller and that the wells drilled for this system were approved by the Division of Water Rights.

Signature

Date

**Utah Renewable Energy Systems Tax Credit
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Project Designer Information (see instructions)

Name

Street Address

Town/City

State

Phone

Contractor License Number

License Type

Designer is (check all that apply): A Utah Professional engineer

A Certified Energy Manager

Other (explain)

I certify that I designed the direct use geothermal system described in Forms A and DG of this application. I further certify that I currently hold the credentials indicated above.

Signature

Date

Project Installer Information (see instructions)

Name

Street Address

Town/City

State

Zip

Phone

Contractor License Number

License Type

I certify that I installed the direct use geothermal system described on Forms A and DG of this application.

Signature

Date

Instructions for Form DG: Direct Use Geothermal Systems

Total eligible direct use geothermal equipment cost: Eligible costs for a direct use geothermal system are limited to components that would not normally be associated with a conventional hot water heating system. Eligible equipment costs include wells and well casings, wellhead pumps, and heat exchangers where well water is not directly used within a building or a manufacturer's heating system. Equipment and components beyond the wellhead or, where applicable, a heat exchanger, are not eligible. Water treatment equipment that would permit the direct use of well water within a heating system, is considered eligible.

Total eligible direct use geothermal installation and other costs: Design costs for a direct use geothermal system are eligible but only for the components of the system that would not normally be associated with a conventional hot water heating system. Tax credit applications should separate design costs for the geothermal and conventional components of the system. Costs for studies to characterize a geothermal resource are eligible so long as a final system using the geothermal resource is built and placed into operation. Costs incurred for the drilling of wells are eligible if such wells are actually used (whether for withdrawal or reinjection of water) within the final direct use geothermal system. The costs of exploratory wells that are not used within the final system are not eligible.

Enter amount of credit claimed for the direct use geothermal system above: To calculate the amount of credit to claim, begin with the total eligible costs entered immediately above. Subtract out the amount of any grants or rebates you may have received for installing the system. (Note: Do not subtract any federal tax credit amounts you received or may receive.) For a residential system, multiply this amount by 0.25. If this amount is less than \$2,000, enter this number, otherwise enter \$2,000. For a commercial system, multiply total eligible costs (minus grants or rebates) by 0.10. If this amount is less than \$50,000, enter this number, otherwise enter \$50,000.

Vertical Bore Well Driller Information: If your system includes any well more than 30 feet in depth, drilling must be performed by a water well driller licensed by the Utah Division of Water Rights. All such wells, whether water is returned to the ground through a recharge well or used or discharged at the surface, require an approved water right certification issued by the Utah state engineer in the Division of Water Rights, Department of Natural Resources. The well driller must certify that these requirements have been met by signing Form DG where indicated.

Designer Information: Enter here information about the person or company that designed your system. If a licensed engineer or contractor designed your system, be sure that he or she provides their information here. If you or another unlicensed individual designed the system, you must still provide information on that designer. If the designer is not a

Certified Energy Manager or a Professional Engineer, enter qualification in the “Other” box.

Installer Information: Enter here information about the person or company that installed your system. If a licensed installer or contractor installed your system, be sure that he or she provides their information here. If you or another unlicensed individual installed the system, you must still provide information on that installer. In that case, leave “Contractor License Number” and “License Type” blank and complete all other sections, including a signature.

System Documentation: Form A lists general documentation requirements that apply to all renewable energy systems. In addition to those requirements, documentation submitted for a direct use geothermal system must include a copy of all required permits for the project, including a water rights certification.